



FACILITY COMPLIANCE INSPECTION REPORT

Division of Waste Management Solid Waste Section

UNIT TYPE:											
Lined MSWLF		LCID		YW		Transfer		Compost		SLAS	COUNTY: Durham PERMIT NO.: 32-10 FILE TYPE: COMPLIANCE
Closed MSWLF		HHW	X	White goods		Incineration		T&P		FIRM	
CDLF		Tire T&P / Collection		Tire Monofill		Industrial Landfill		DEMO		SDTF	

Date of Site Inspection: February 17, 2012 **Date of Last Inspection:** November 10, 2010

FACILITY NAME AND ADDRESS:

City of Durham Permanent HHW Collection Facility
 1900 East Club Boulevard
 Durham, NC 27704

GPS COORDINATES: N: 36.02740 E: -78.86204

FACILITY CONTACT NAME AND PHONE NUMBER:

Chris Marriott, City of Durham – Waste Disposal Manager

w. 919-560-4186 x32253

f. 919-560-1197

c. 919-452-2804

chris.marriott@durhamnc.gov

FACILITY CONTACT ADDRESS:

Chris Marriott, Waste Disposal Manager
 City of Durham Solid Waste Management Department
 1833 Camden Avenue
 Durham, NC 27704

PARTICIPANTS

John Patrone, NCDENR – Solid Waste Section (SWS)
 Chris Marriott, City of Durham – Waste Disposal Manager
 Bruce Woody, City of Durham – Assistant Disposal Manager
 Antoine Freeman, ECOFLO – Project Manager

STATUS OF PERMIT:

Permit To Construct/Operate (PTC/PTO) issued October 16, 2009
 PTC conditions no applicable
 PTO expiration date October 16, 2014

PURPOSE OF SITE VISIT:

Comprehensive Audit

STATUS OF PAST NOTED VIOLATIONS:

None

OBSERVED VIOLATIONS

None

The item(s) listed above were observed by Section staff and require action on behalf of the facility in order to come into or maintain compliance with the Statutes, Rules, and/or other regulatory requirements applicable to this facility. Be advised that pursuant to N.C.G.S. 130A-22, an administrative penalty of up to \$15,000 per day may be assessed for each violation of the Solid Waste Laws, Regulations, Conditions of a Permit, or Order under Article 9 of Chapter 130A of the N.C. General Statutes. Further, the facility and/or all responsible parties may be subject to enforcement actions including penalties, injunction from operation of a solid waste management facility or a solid waste collection service and any such further relief as may be necessary to achieve compliance with the North Carolina Solid Waste Management Act and Rules.

ADDITIONAL COMMENTS

On February 17, 2012, John Patrone met with Chris Marriott, Bruce Woody, and Antoine Freeman to conduct a comprehensive audit of the City of Durham Permanent HHW Collection Facility on Club Boulevard in Durham, Durham County.

1. The facility permit, operations plan, and site plan were discussed.
2. The facility is open Tuesday and Wednesday noon – 6 pm and Thursday, Friday, and Saturday from 7:30 am – 3:00 pm. The facility is closed on Monday.
3. The facility household hazardous waste (HHW) generator identification number is NCPH03296011.
4. The HHW building is located on the south side of the North Durham Water Reclamation Facility.
5. The facility is permitted to receive HHW from Durham County. The facility operations plan states that HHW will also be accepted from Chatham, Orange, and Wake Counties. Ensure that when the facility permit is renewed/modified that the service area is stated in the facility permit. The facility does not accept HHW from conditionally exempt small quantity generators (CESQG) or agricultural/large farm materials.
6. The facility is prohibited from receiving any other types of waste, including: radioactive wastes, ammunition, explosives, infectious medical waste, and business wastes.
7. The collection, storage, and hauling of HHW is conducted by ECOFLO, Inc., generator identification number NCD000648451 and carrier identification number NCD980842132.
8. Certified personnel trained in facility operations: Antoine Freeman, 8 hour annual Hazardous Waste Operation & Emergency Response refresher July 9, 2011: OSHA 29 CFR 1910.120(p)(7).
9. Contractor personnel shall maintain certification in accordance with OSHA 29 CFR 1910.120(e).
10. It is suggested that the facility maintain a copy of certification for individuals likely to work/fill-in at the HHW facility and/or ensure contractor personnel have a copy of their certification while on site.
11. Mr. Marriott stated that he is notified when HHW is dropped-off after hours to be brought into the facility (Christopher R. Marriott, 40 hour Hazmat/Hazwoper training July 23, 1999, current OSHA 10 hour update: General Industrial Safety & Health).
12. The attached building (water reclamation) does not have direct access to the HHW building. The door/gate between the two is locked. Mr. Marriott stated that the water reclamation building is no longer in use, remains locked, and is planned to be demolished.
13. Initial screening of HHW is conducted by asking residents what items they have and their zip code.
14. Records of material accepted were verified for 2010 and 2011. Records for January 3 through February 17 were reviewed.
15. The facility has one building dedicated to HHW operation.
16. Material is sorted by class and poured/placed into 55-gallon drums. Product identifier labels are posted on the wall (flowchart-like) showing the location of each drum. Each drum is marked with identification stickers and accumulation date. ECOFLO picks-up HHW ~ twice a week.
17. Secondary containment is provided via concrete berm and spill containment pallets. The facility does not have sump outlets.
18. Latex paint is stored outside (in original container) on spill containment pallets, wrapped with plastic, until picked-up.

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19. The facility has an eyewash station and adequate absorbent material. It is suggested that weekly inspections are recorded in a logbook.
20. The facility had collected e-wastes (televisions and computers) through June 2011. E-wastes are now collected at the resident drop-off convenience center associated with the City of Durham Transfer Facility (32-12).
21. The facility capacity limit stated in the operations plan is ~ 400,000 lbs a year.
22. The facility maintains records of the amount of HHW received. Material hauled-off by ECOFLO, Inc. mirror the quantity received. Monthly records were reviewed for July 2011 through January 2012. The facility received 144,146 lbs of HHW.
23. The facility annual report (FAR) submitted to the SWS is dated July 26, 2011. The facility reported it received 422,702 lbs of HHW however the total received includes e-wastes. The total HHW received minus e-wastes is 254,511 lbs.
24. A copy of the contingency plan is maintained at the HHW facility. Ensure that contact information listed in the contingency plan is updated accordingly.
25. The City of Durham Fire Department will respond to an emergency at the facility.
26. The fire extinguishers were serviced by BFPE International on December 2011 and safety check conducted by City personnel on January 31, 2012.
27. Mr. Freeman stated that the facility was recently inspected by the Fire Marshal. And that the HHW building does not have a sprinkler system. It is suggested that a record of the Fire Marshal inspection be maintained.
28. Mr. Marriott stated that the City has plans to relocate the HHW collection operation/facility adjacent to the City of Durham Transfer Facility resident drop-off convenience center.
29. The site is secured by chain link fence and locked gate.
30. The facility has proper signage.
31. The permit expiration date is October 16, 2014.
32. Permit renewal application shall be submitted to the SWS by April 16, 2014.

Please contact me if you have any questions or concerns regarding this inspection report.



John Patrone
Environmental Senior Specialist
Regional Representative

Phone: 336-771-5095 Fax: 336-771-4631

Sent on: <u>February 24, 2012</u>	<input checked="" type="checkbox"/>	Email	<input type="checkbox"/>	Hand delivery	<input type="checkbox"/>	US Mail	<input type="checkbox"/>	Certified No. <input type="checkbox"/>
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Copies: Dennis Shackelford, Eastern District Supervisor
Shawn McKee, Environmental Senior Specialist
Bill Patrakis, Environmental Analyst
Donald Long, City of Durham - Solid Waste Director (donald.long@durhamnc.gov)

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Digital pictures taken February 17, 2012
by John Patrone, DWM-SWS

HHW facility (building)



Collected HHW, right-rear of building



Drum location identifier labels



Latex paint atop secondary containment, stored outside

